Mr 80

TRILOG COLORPLOT 100 TM

COLORPLOT 100 provides low-cost, high-quality color plotting and text quality p nting, comparable to ink jet and xerographic methods at a fraction of their expense.

COLORPLOT 100 utilizes raster matrix impact technology and TRILOG's proprie ry multicolor ribbon drive to plot either multicolor or standard black copies on plain fa fold paper at a cost of about 0.5¢ per copy.

COLORPLOT 100 reduces paper cost by as much as 75 percent, compared to electro tatic methods. Forms from 4 to 16 inches wide and up to six parts can be accommodated on COLORPLOT 100.

Asynchronous color plotting enables color to be printed in any order, eliminating specific formatting of input. And because no toners or chemicals are used, COLORPLOT can be stopped for extended periods with no quality degradation.

TRILOG's proprietary COLORPLOT bidirectional drive system assures registration accuracy within 0.005 inches. Bidirectional drive also allows plotting and printing on the same line. Precision dot placement anywhere on the form provides contiguous plots at all times.

COLORPLOT 100 plots and prints at 150 or 250 lines per minute; the standard ASCII 96 character set is available for printing applications. Double high characters, 6 or 8 lines per inch and lower case characters with descenders are interface selectable.

Centronics and Data Products plug compatible interface is standard. Compatibility with electrostatic plotters manufactured by Versatec is available optionally.

COLORPLOT 100™ is a trademark of TRILOG, Inc.

COLORPLOT 100™

Specifications

Printer Mechanism

Rate	150 lines per minute, 7x9 dot matrix; or 250 lines per minute, 7x7 dot matrix
Matrix	7 horizontal x 9 vertical for medium speed — 150 lpm 7 horizontal x 7 vertical for high speed — 250 lpm
Horizontal	132 characters per line
Format	6 or 8 lines per i n; operator or interface selectable
Character Set	96 ASCII character set; double high characters and lower case characters with descenders

Plot Mode

Dot Diameter	0.020 inch
Resolution	100 dots per inch/horizontal and vertical
Plot Speed	15 inches per minute/0.25 inch per second; single color copy — 45 seconds for 11-inch forms multicolor copy — 3 minutes for 11-inch forms (average)
Plo: P	1320 points
F	0.005 inch vertical and horizontal
ed	
per Type	Edge punched, fanfold forms, 1 to 6 parts; 4 to 16 inches wide
	Adjustable tractors both above and below print station for bidirectional paper drive
Speed	46 ms 1/6 inch step
Paper Slew e	6 inches per second
Forms Length Switch	8 switch positions for forms 3 to 14 inches long
Paper Controls & Switches	Paper Motion Detector and Paper Out Switch

Ribbons

Standard Black	1 inch wide x 60 yards long; nylon
Tricolor	1 inch wide x 60 yards long, 20 yards per color

Operator Controls & Indicators

External Controls	Power Switch (lower left side) Top of Form On-Line/Off-Line 6/8 LPI Paper Advance Check Reset
Internal Controls	Form Thickness Adjust Horizontal Vernier Vertical Positioning Self-Test Switch Forms Length Switch Multicolor/Single Color Select
Indicators	Power On Check 8 LPI On-Line

Interface

Data Input	ASCII Parallel TTL Logic Levels Full Line Buffer
Compatibility	Centronics and Data Products
Options	Versatec plug compatibility RS 232 C Standard Interface

Power Requirements

Voltages	100, 110, 120, 200, 220, 240
Voltage Limits	+10%; -15%
Frequency	50/60 Hz (± 2 Hz)
Power	200 watts standby
Consumption	450 watts nominal 800 watts maximum

Environmental

Temperature	Operating: 10°C to 38°C Storage: -40°C to 65°C
Humidity	Operating: 10% to 90% Storage: 5% to 95%
Operating Altitude	to 7500 ft.
Static Discharge	to 15,000 volts
Operating Attitude	no restrictions

Dimensions

Height	41.0 inches with pedestal
Width	30.0 inches
Depth	24.3 inches
Weight	210 lbs.

TRILOG

17391 Murphy Avenue, Irvine, California 92714
(714) 549-4079 TWX (910) 595-2798

Mr 80

TRILOG T-1100A Printer/Plotter

The Plain Paper Plotter®

- ☐ **Versatec* software and plug compatible**
- ☐ **100 dots per inch vertical *and* horizontal**
- ☐ **Plain paper, up to 6 copies**
- ☐ **Highest quality plotter output**
- ☐ **4" to 16" form width**
- ☐ **You *never* have "toner bars", the T-100 requires no chemicals**
- ☐ **96 character set**

The TRILOG T-1100A impact printer/plotter provides the only alternative to electrostatic printer/plotters. The T-1100A utilizes raster matrix technology and plots at 15 inches per minute with dot density of 100 dots per inch on plain paper, and is Versatec software and plug compatible.

TRILOG's T-1100A reduces operating costs by 75% by using standard fanfold paper. Paper for the TRILOG T-1100A is 0.5¢ per sheet, compared to 2.0¢ or more per sheet for special sensitized paper needed for electrostatic printer/plotters. Forms from 4 to 16 inches wide and up to six parts can be accommodated in the TRILOG printer/plotter.

No chemicals are required, eliminating unwanted "toner bars." Continuous paper motion is not required to minimize toner bars, allowing the T-1100A to be completely stopped for extended periods of time.

The T-1100A prints at 150 lines per minute with a standard 96 character set. Additional features include underlining, double high characters, 6 and 8 lines per inch and lower case characters with descenders.

The T-1100A is recognized by Underwriters Laboratory under EDP 478.

*Versatec, a Xerox company

Specifications

Printer Mechanism

Rate	150 Lines Per Minute 115 LPM for underlines or lower case Characters with descenders 75 LPM for double high Characters
Matrix	7 Horizontal by 9 Vertical 7 x 12 for lower case Characters with descenders
Horizontal	132 Characters per Line
Format	**6/8 Lines per Inch (operator or interface selectable)**
Features	96 Character ASCII set Double high Characters Underlining of Characters Plot Mode 8 LPI (all Interface selectable)
Options	Special Character Sets

Plot Mode

Dot Diameter	0.020 inch
Density	Horizontal 100 dots per inch Vertical 100 dots per inch
Rate	15 Inches per Minute
Format	Versatec software compatible

Paper Feed

Paper Type	Edge punched, fanfolded forms 1 to 6 part Up to 16 inches wide
Drive	Adjustable tractors with 8 pin engagement
Speed	46 ms 1/6 inch step 6 inches per second slew
Forms	11 inch electronic top of form
Features	Paper motion detector Paper out switch
Options	Forms Length switch

Ribbon

Ribbons	1 inch wide 60 yards long Nylon fabric

Operator Controls & Indicators

External Controls	Power Switch (Lower Left side) Top of form On Line/Off Line 6/8 LPI Paper Advance Check Reset
Internal Controls	Form Thickness Adjust Horizontal Vernier Vertical Positioning
Indicators	Power On Check 8 LPI On Line

Interface

Data Input	ASCII Parallel TTL Logic Levels Full Line Buffer
Features	Versatec plug compatible

Power Requirements

Voltage	100, 110, 120, 200, 220, 240
Voltage Limits	+10%, −15%
Frequency	50, 60 HZ
Power Consumption	200 Watts Standby 450 Watts nominal 800 Watts max.

Environmental

Temperature	Operating: 10°C to 38°C Storage: −40°C to 65°C
Humidity	Operating: 30% to 90% (excluding condensation) Storage: 5% to 95% (excluding condensation) Options: Static Eliminator (for humidity to 10%)

Physical Characteristics

Size	16.5 inches high, 30 inches wide, 24.25 inches deep
Weight	185 lbs
Features	Quietized Cabinet (below 65 dbA)
Options	Pedestal with basket and guide

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Mr 80

TRILOG T-100 Printer/Plotter

The Plain Paper Plotter®

- ☐ **Centronics and data products plug compatible**
- ☐ **100 dots per inch vertical *and* horizontal**
- ☐ **Plain paper, up to 6 copies**
- ☐ **Highest quality plotter output**
- ☐ **4" to 16" form width**
- ☐ **You *never* have "toner bars", the T-100 requires no chemicals**
- ☐ **96 character set**

The TRILOG T-100 impact printer/plotter provides the only alternative to electrostatic printer/plotters. The T-100 utilizes raster matrix technology and plots at 15 inches per minute with dot density of 100 dots per inch on plain paper, and is Printronix software and plug compatible.

TRILOG's T-100 reduces operating costs by 75% by using standard fanfold paper. Paper for the TRILOG T-100 is 0.5¢ per sheet, compared to 2.0¢ or more per sheet for special sensitized paper needed for electrostatic printer/plotters. Forms from 4 to 16 inches wide and up to six parts can be accommodated in the TRILOG printer/plotter.

No chemicals are required, eliminating unwanted "toner bars." Continuous paper motion is not required to minimize toner bars, allowing the T-100 to be completely stopped for extended periods of time.

The T-100 prints at 150 lines per minute with a standard 96 character set. Additional features include double high characters, 6 and 8 lines per inch and lower case characters with descenders.

The T-100 is Centronics and Data Products plug compatible.

Specifications

Printer Mechanism

Rate	150 Lines Per Minute 115 LPM for lower case Characters with descenders 75 LPM for double high Characters
Matrix	7 Horizontal by 9 Vertical 7 x 12 for lower case Characters with descenders
Horizontal	132 Characters per Line
Format	**6/8 Lines per Inch (operator or interface selectable)**
Features	96 Character ASCII set Double high Characters Plot Mode 8 LPI (all Interface selectable)
Options	Special Character Sets

Plot Mode

Dot Diameter	0.020 inch
Density	Horizontal 100 dots per inch Vertical 100 dots per inch
Rate	15 Inches per Minute
Format	**Printronix software compatible**

Paper Feed

Paper Type	Edge punched, fanfolded forms 1 to 6 part Up to 16 inches wide
Drive	Adjustable tractors with 8 pin engagement
Speed	46 ms 1/6 inch step 6 inches per second slew
Forms	11 inch electronic top of form
Features	Paper motion detector Paper out switch
Options	Forms Length switch

Ribbon

Ribbons	1 inch wide 60 yards long Nylon fabric

Operator Controls & Indicators

External Controls	Power Switch (Lower Left side) Top of form On Line/Off Line 6/8 LPI Paper Advance Check Reset
Internal Controls	Form Thickness Adjust Horizontal Vernier Vertical Positioning
Indicators	Power On Check 8 LPI On Line

Interface

Data Input	ASCII Parallel TTL Logic Levels Full Line Buffer
Features	Centronics and Data Products plug compatible

Power Requirements

Voltage	100, 110, 120, 200, 220, 240
Voltage Limits	+10%, −15%
Frequency	50, 60 HZ
Power Consumption	200 Watts Standby 450 Watts nominal 800 Watts max.

Environmental

Temperature	Operating: 10°C to 38°C Storage: −40°C to 65°C
Humidity	Operating: 30% to 90% (excluding condensation) Storage: 5% to 95% (excluding condensation) Options: Static Eliminator (for humidity to 10%)

Physical Characteristics

Size	16.5 inches high, 30 inches wide, 24.25 inches deep
Weight	185 lbs
Features	Quietized Cabinet (below 65 dbA)
Options	Pedestal with basket and guide

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THE TRILOG 2 SPEED T-100 PRINTER/PLOTTER

The TRILOG "PLAIN PAPER PLOTTER" can now be configured to print at 150 LPM or 250 LPM. The 150 uses a full 7 X 12 matrix to produce a characacter that looks fully formed. The 250 LPM mode prints a 7 X 6 matrix that has the appearance of a dot matrix formation. When a T-100 or T-1100A is ordered the customer must specify which print speed is desired.

A new two speed option is also offered for those customers that want both text quality output and high speed printing. Changing from 150 to 250 LPM is done with a software command (a^SO code or CNTL-N) or an operator accesible switch. Plot speed and other TRILOG features are not affected by this option.

********* 250 lines Per Minute *********

This portion is printed at 250 LPM under program control. A CNTL-N shifts from the 150 LPM character set to a less dense 250 LPM character set without operator intervention. Standard features of the TRILOG T-100 and T-1100A are:

96 UPPER AND LOWER CASE CHARACTER SETS
100 X 100 DOTS PER INCH PLOT DENSITY
6 INCHES PER SECOND PAPER SLEW
U.L. APPROVAL
4 TO 16 INCH WIDE FORMS
1 TO 6 PART FORMS
DOUBLE HIGH CHARACTERS
UNDERLINING
DATAPRODUCTS OR CENTRONICS INTERFACE (T-100)
VERSATEC INTERFACE (T-1100A)

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17391 MURPHY AVE.
IRVINE CALIF. 92714
(714) 549-4079 TWX (910) 595-

TRILOG

TRILOG SALES OFFICES

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ALASKA	TRILOG	IRVINE	(714) 549-4079
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		LENEXA, KS	(913) 888-0215
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NEVADA	GROUP III ELECTRONICS	SAN DIEGO, CA	(714) 578-1120

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PENNSYLVANIA - W.	LOWRY & ASSOCIATES	PITTSBURGH	(412) 922-5110
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RHODE ISLAND	PERIPHERAL SYSTEMS	WINCHESTER, MA	(617) 729-5770
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SOUTH DAKOTA	DYTEC/NORTH	ST. PAUL MN.	(612) 645-5816
TENNESSEE	GENTRY ASSOCIATES, INC.	HUNTSVILLE, AL	(205) 534-9771
		ATLANTA, GA	(404) 455-1206
TEXAS	U S DATA	DALLAS, TX	(214) 661-9633
		HOUSTON	(713) 681-0200
		AUSTIN	(512) 454-3579
UTAH	PAR ASSOCIATES	CENTERVILLE, UTAH	(801) 292-8145
VERMONT	PERIPHERAL SYSTEMS	WINCHESTER, MA	(617) 729-5770
VIRGINA	MESA, INC.	ROCKVILLE, MD	(301) 881-8430
WASHINGTON, DC.	MESA, INC.	ROCKVILLE, MD	(301) 881-8430
WASHINGTON	PACIFIC NORTHWEST ELEC.	BELLEVUE	(206) 641-6444
WEST VIRGINIA	LOWRY & ASSOC.	PITTSBURGH	(412) 922-5110
WISCONSIN - E.	DYTEC/CENTRAL	ARLINGTON HTS., IL	(312) 394-3380
WISCONSIN - W.	DYTEC/NORTH	ST. PAUL, MN	(612) 645-5816
WYOMING	PAR ASSOCIATES	DENVER, CO	(303) 355-2363

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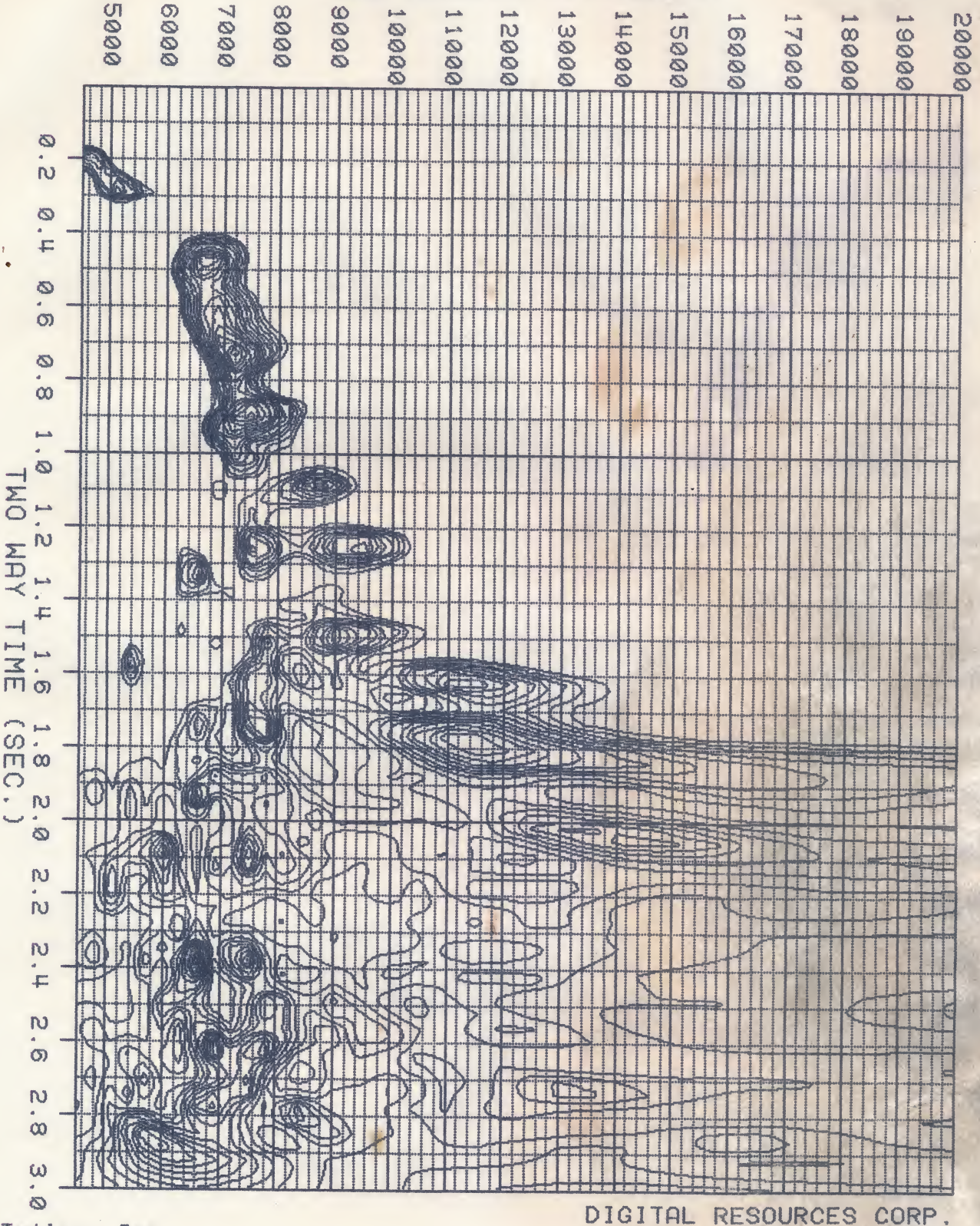
PROSPECTOR

JOB:CONTOURED VELOCITY ANALYSIS 23-OCT-78

CDPS 1120 TO 1125

RMS VELOCITY (FT./SEC.)



DIGITAL RESOURCES CORP.

Trilog, Inc

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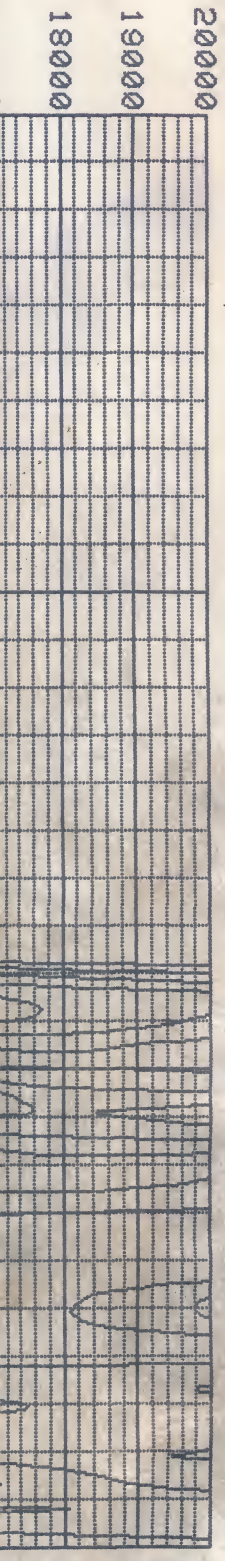
Irvine, CA. 92714
(714) 549-4079 TWX (910) 595-2798

23-OCT-78



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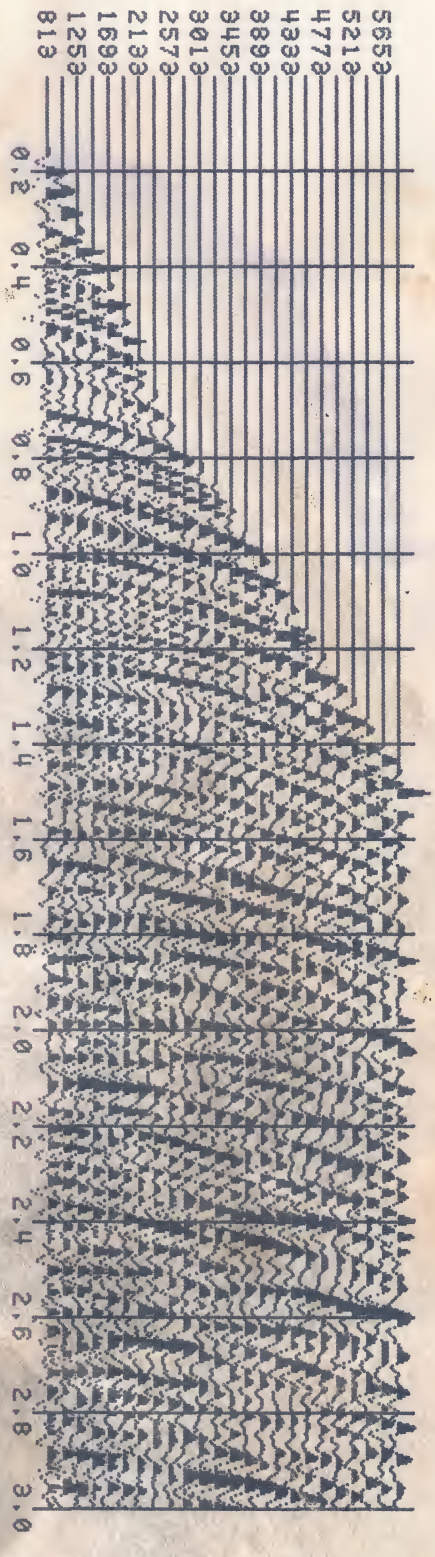
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